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December 23, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant (s): Keller, et al.

Serial No.: 09/235,153

Group Art Unit: 1634

Filed: January 22, 1999

Examiner: EINSMANN, Juliet Caroline

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JAN 03 2003

For: Methods and Compositions for Modifying Levels of
Secondary Metabolic Compounds in Plants

ER 1600/2900

Docket No.: SB-B750



Honorable Commissioner for Patents
Washington, D.C. 20231

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PATENT, TRADEMARK OFFICE

Sir:

SUPPLEMENTAL AMENDMENT

In response to an Office Action concerning above-identified application mailed June 24, 2002, Applicants filed an Amendment along with a Petition and fee for a three-month extension of time on December 18, 2002. In the December 18, 2002 Amendment, however, Applicants inadvertently did not submit the entire text of new claim 81. Applicants respectfully submit the entire text of new claim 81 herewith.

In the December 18, 2002 Amendment, new claim 81 should read as follows:

In the Claims

Please add the following new claim 81:

--81. (new) A method for improving a nutritional profile of a plant, comprising the steps of:

selecting a nucleic acid sequence for its ability to encode an enzyme capable of modifying the utilization of an intermediate substrate in a secondary metabolic

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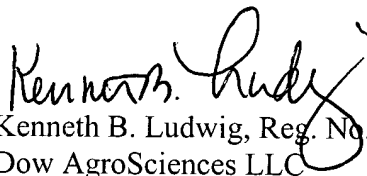
pathway associated with a nutritional profile of a plant, said enzyme not naturally occurring in said secondary metabolic pathway;

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transforming a plant cell of said plant with an expression cassette comprising said nucleic acid sequence operably linked to a seed-specific promoter, said plant selected from the group consisting of corn, canola, wheat, barley, oats, alfalfa, soybeans and sorghum; and

recovering a genetically altered plant from said plant cell, said genetically altered plant characterized by an improved nutritional profile relative to a wild-type of said plant.

If the Examiner has any questions regarding this Supplemental Amendment, the Examiner is respectfully requested to call the undersigned at the below-identified telephone number.

Respectfully submitted,


Kenneth B. Ludwig, Reg. No. 42,814
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268
(317) 337-4944